

ABSTRACT OF THE DISCLOSURE

Normalized Detector Scaling is the transformation of output data from pattern recognition systems that allows decision rules or operating criteria for the pattern recognition system to be established simply, and independently of the particulars of the pattern recognition system. This is achieved by combining information from the probability distributions that describe the pattern recognitions systems output statistics for the classes of interest. The probability distributions are transformed into an intuitive one-dimensional scale providing both flexibility and convenience in the operation or administration of a pattern recognition system.